



PTO/SB/08A (00-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/628,504
Filing Date	July 28, 2003
First Named Inventor	Ehlers et al.
Art Unit	
Examiner Name	
Attorney Docket Number	68,180-01/3

Sheet 1

of

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/BW/	↓	US- 1,547,242	07/28/1925	Strieby	
		US- 4,075,699	02/21/1978	Schneider et al.	
		US- 4,174,517	11/13/1979	Mandel	
		US- 4,217,646	08/12/1980	Callagironne et al.	
		US- 4,218,737	08/19/1980	Buscher et al.	
		US- 4,245,319	01/13/1981	Hedges	
		US- 4,291,375	09/22/1981	Wolf	
		US- 4,324,987	04/13/1982	Sullivan, II et al.	
		US- 4,336,462	06/22/1982	Hedges et al.	
		US- 4,338,791	07/13/1982	Stamp, Jr. et al.	
		US- 4,367,414	01/04/1983	Miller et al.	
		US- 4,382,544	05/10/1983	Stewart	
		US- 4,466,074	08/14/1984	Jindrick et al.	
		US- 4,475,193	10/02/1984	Brown	
		US- 4,503,288	03/05/1985	Kessler	
		US- 4,511,979	04/16/1985	Amirante	
		US- 4,513,189	04/23/1985	Ueda et al.	
		US- 4,514,594	04/30/1985	Brown et al.	
/BW/		US- 4,520,576	06/04/1985	Vander Molen	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
/BW/	↓	EP 0 163 572 A1	12/04/1985	Maury		
		EP 0 288 413 A1	10/26/1988	Transdata, Inc.		✓
		EP 0 534 839 A1	03/31/1993	Electricite		
		EP 0 577 532 A1	01/05/1994	Merlin Green		
		EP 0 688 085 A1	12/20/1995	Schlumberger		✓
/BW/		DE 27 43 212	03/29/1979	Elektrisches		

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Signature

/Brian Whipple/

Date  
Considered

03/19/2007

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**INFORMATION DISCLOSURE  
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Sheet 2 of   **Complete if Known**

Application Number	10/628, 504
Filing Date	July 28, 2003
First Named Inventor	Ehlers et al.
Art Unit	
Examiner Name	
Attorney Docket Number	68,180- 003

U. S. PATENT DOCUMENTS					
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/BW/		US- 4,521,645	06/04/1985	Carroll	
		US- 4,523,307	06/11/1985	Brown et al.	
		US- 4,539,562	09/03/1985	Sanders	
		US- 4,549,274	10/22/1985	Lerner et al.	
		US- 4,567,557	01/28/1986	Burns	
		US- 4,630,218	12/16/1986	Hurley	
		US- 4,663,775	05/05/1987	Olek	
		US- 4,665,544	05/12/1987	Honda et al.	
		US- 4,697,182	09/29/1987	Swanson	
		US- 4,701,698	10/20/1987	Karlsson et al.	
		US- 4,728,949	03/01/1988	Platte et al.	
		US- 4,771,185	09/13/1988	Feron et al.	
		US- 4,772,870	09/20/1988	Reyes	
		US- 4,819,180	04/04/1989	Hedman et al.	
		US- 4,847,554	07/11/1989	Goodwin	
		US- 4,847,780	07/11/1989	Gilker et al.	
		US- 4,847,781	07/11/1989	Brown III et al.	
		US- 4,847,782	07/11/1989	Brown, Jr. et al.	
/BW/		US- 4,855,922	08/08/1989	Huddleston et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code* Number * Kind Code* (if known)				
/BW/		FR 2 645 968	10/19/1990	Electricite		
↓		FR 2 660 511	10/04/1991	Electricite		
		EP 0 580 217 A1	01/26/1994	HOLEC		✓
		CA 2,121,124 A1	07/08/1993	Honeywell		✓
		WO 93/08653	04/29/1993	Electricite		
/BW/		WO 94/00824	01/06/1994	Square D Co.		

Examiner Signature	/Brian Whipple/	Date Considered	03/19/2007
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Attorney Docket Number	68,180- 003

Sheet 3 of   **U. S. PATENT DOCUMENTS**

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/BW/		US- 4,884,021	11/28/1989	Hammond et al.	
		US- 4,888,495	12/19/1989	Feron et al.	
		US- 4,899,129	02/06/1990	MacFadyen et al.	
		US- 4,899,217	02/06/1990	MacFadyen et al.	
		US- 4,971,136	11/20/1990	Mathur et al.	
		US- 4,977,515	12/11/1990	Rudden et al.	
		US- 4,987,513	01/22/1991	Shelley	
		US- 4,998,097	03/05/1991	Noth et al.	
		US- 5,033,112	07/16/1991	Bowling et al.	
		US- 5,045,823	09/03/1991	Nichols, III	
		US- 5,086,385	02/04/1992	Launey et al.	
		US- 5,090,024	02/18/1992	Vander Mey et al.	
		US- 5,101,191	03/31/1992	MacFadyen et al.	
		US- 5,109,222	04/28/1992	Welty	
		US- 5,126,934	06/30/1992	MacFadyen	
		US- 5,134,356	07/28/1992	El-Sharkawi	
		US- 5,168,170	12/01/1992	Hartig	
		US- 5,170,360	12/08/1992	Porter et al.	
/BW/		US- 5,196,982	03/23/1993	Landsberg et al.	

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/BW/		WO 94/03989	02/17/1994	Intellon Corp.		✓
/BW/		WO 94/09572	04/28/1994	Norweb PLC		✓

Examiner Signature	/Brian Whipple/	Date Considered	03/19/2007
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Sheet 4

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Examiner Name	
Attorney Docket Number	68,180-003

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/BW/		US- 5,218,552	06/08/1993	Stirk et al.	
		US- 5,220,311	06/15/1993	Schweitzer, Jr.	
		US- 5,263,046	11/16/1993	Vander Mey	
		US- 5,274,571	12/28/1993	Hesse et al.	
		US- 5,278,862	01/11/1994	Vander Mey	
		US- 5,289,362	02/22/1994	Liebl et al.	
		US- 5,301,122	04/05/1994	Halpern	
		US- 5,315,499	05/24/1994	Bilas et al.	
		US- 5,323,307	06/21/1994	Wolf et al.	
		US- 5,347,167	09/13/1994	Singh	
		US- 5,414,640	05/09/1995	Seem	
		US- 5,436,510	07/25/1995	Gilbert	
		US- 5,462,225	10/31/1995	Massara et al.	
		US- 5,469,365	11/21/1995	Diekena et al.	
		US- 5,475,371	12/12/1995	Dunk et al.	
		US- 5,501,267	03/26/1996	Iritani et al.	
		US- 5,572,438	11/05/1996	Ehlers et al.	
		US- 5,598,349	01/28/1997	Elliason et al.	
/BW/		US- 5,684,710	11/04/1997	Ehlers et al.	

**FOREIGN PATENT DOCUMENTS**

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Signature

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Attorney Docket Number	68,180-003

Sheet **15** of**U. S. PATENT DOCUMENTS**

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/BW/		US- 5,696,695	12/09/1997	Ehlers et al.	
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		US- 2002/0019712 A1	02/14/2002	Petite et al.	
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/BW/		US- 2003/0036822 A1	02/20/2003	Davis et al.	
		US-			
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Sheet	6	of	11	Attorney Docket Number	68,180-003

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/BW/	AA	"50 Successful DSM Programs", The Results Center, lists March 1994.	
	AB	"A-14--DMS 350A Programming Reference", Jul. 1998, 1 page.	
	AC	"Bell of Pennsylvania's automatic meter reading could mean greater security and privacy for customers", PR Newswire, Feb. 28, 1990.	
	AD	"Boosting Your Home's IQ: Manufacturers agree on standards for creating the smart house", Technology, p. 70 (not dated).	
	AE	"Cebus (R) power line carrier technologies from Intellon Corp. support home automation application", PR Newswire, March 1, 1994.	
	AF	"Commonwealth Edison installs Metricom's communication network" Business Wire, March 4, 1993	
	AG	"Demonstrating smarts; bright home; a demonstration home that utilizes consumer electronics . . ." Popular Science, July 1991.	
	AH	"DMS and Operator Interface Guide Specification", December 1991, pp. 1-33.	
	AI	"DMS Facilities Management System FMS2-35SX", Robertshaw Control Division, Nov. 1991, 4 pages.	
	AJ	"Energy announces a major development in its residential customer-controlled load manage . . ." PR Newswire Assoc., January 19, 1994.	
/BW/	AK	"Energy moves into fiber optics to control residential consumption", Energy Report, December 4, 1992, Vol. 20, No. 49 (sr abst).	

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
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/BW/	AL	"Entergy Enterprises" CC2000 test joined by Sprint Honeywell . . . " PR Newswire Assoc., August 26, 1993.	
	AM	"First Pacific Networks, Central and South West Corp. to conduct energy management project in Laredo, TX", Business Wire, March 24, 1994.	
	AN	"Home automation: what's in it for utilities?", EPRI, April 1990.	
	AO	"Honeywell, Oracle Corp. unveil joint technology and marketing alliance", Electric Utility Week's Demand-Side Report, March 3, 1994.	
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		Filing Date	July 28, 2003
		First Named Inventor	Ehlers et al.
		Group Art Unit	
		Examiner Name	
Sheet 8 of 11	Attorney Docket Number	68,180-003	

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/BW/	AW	*MicroSmart MSC-NC/NCM (Network Communications Module) Installation Guidelines*, Siebe Environmental Controls, June 1993, pp. 1-9.	
	AX	*MicroSmart Reference (DOS Configuration Tool)*, Siebe Environmental Controls, July 1993, 2 pages.	
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/BW/	CD	Saladyga, John S., "New home automation systems integrate security, energy and entertainment", Newsday, Inc., October 15, 1992.	
	CE	Salpukas, Agis, "Big hopes put on electric wires", The New York Times, July 6, 1994.	
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